

Application of: **COOK, Colin N.B. et al.**
Application S.N.: 10/792,285
Attorney Docket No.: 2540-0703

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A virtual presence architecture (VPA) between a host computer contained within a host computer casing and a remote computer, the host computer having a processor producing video data in response to input signals and delivering the video data onto a host computer bus having associated physical bus slot locations, comprising:

a virtual presence server installed inside said host computer with a face plate facing outside of the host computer casing and having a host connector port and a network port, the virtual presence server being physically connected to the host computer only at one associated physical bus slot location and being electrically connected to the host computer bus to receive only power from the host computer bus; and utilizing electronically only said host computer's power source; and

a multiple-terminated cable having a first cable end to physically connect to the connector port and having at a distal end separated video, keyboard, and mouse connectors to connect to, respectively, video, keyboard and mouse ports on the host computer casing for transmission of keyboard and mouse information to the host computer on, respectively, the keyboard and mouse ports, and reception of the video data from the host computer on the video port;

a virtual presence client communicating with said host computer through said virtual presence server to provide a virtual presence on said remote computer, the virtual presence client communicating the keyboard and mouse information via, in order: a network, the network port, the virtual presence server, the first cable end, the multiple-terminated cable, the keyboard and mouse connectors, and the keyboard and mouse ports to the host computer, and receiving the video data from the host computer via, in order: the video port, the multiple terminated cable, the video connector, the virtual presence server, the network port and the network to the virtual presence client.

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2. (Original) The VPA of claim 1, wherein said virtual presence server is a PCI card installed in a PCI slot of said host computer.
3. (Cancelled)
4. (Original) The VPA of claim 1, wherein said virtual presence server includes an external power connection so that it can monitor the power status of said host.
5. (Cancelled)
6. (Original) The VPA of claim 1, wherein said virtual presence server does not interfere with the processing of said host CPU.
7. (Cancelled)
8. (Currently Amended) A method of providing virtual presence, comprising:
 - identifying a host computer, contained within a host computer casing, the host computer having a processor producing video data in response to input signals and delivering the video data onto a host computer bus within the host computer casing, the bus having associated physical bus slot locations;
 - identifying a remote computer;
 - installing a virtual presence server (VPS) ~~in~~ inside of said host computer so a face plate of the virtual presence server faces outside of the host computer casing, and providing a host connector port and a network port on the face plate, and physically connecting the virtual presence server to the host computer only at one associated physical bus slot location and being electrically connected to the host computer bus only to receive power from the host computer bus;
 - connecting the network port of the face plate to a network;
 - connecting the host connector port to a multiple-terminated cable at a first cable end;
 - connecting the host computer at a distal end of the multiple-terminated cable using separated video, keyboard, and mouse connectors to connect to, respectively, video, keyboard and mouse ports on the host computer casing for transmission of keyboard and mouse information to the host computer on, respectively, the keyboard and mouse ports, and reception of the video data from the host computer on the video port;

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installing a virtual presence client (VPC) in said remote computer; and
sending data between said host computer and said client computer ~~in order~~ to
establish a virtual presence on said host computer by the virtual presence client
communicating the keyboard and mouse information via, in order: the network, the
network port, the virtual presence server, the first cable end, the multiple-terminated
cable, the keyboard and mouse connectors, and the keyboard and mouse ports to the host
computer, and receiving the video data from the host computer via, in order: the video
port, the multiple terminated cable, the video connector, the virtual presence server, the
network port and the network to the virtual presence client.

9. (Original) The method of claim 8, further wherein the VPS is a PCI card installed in the host computer.

10. (Cancelled)

11. (Cancelled)

12. (Original) The method of claim 8, wherein the VPC is implemented entirely in software installed on said remote computer.

13. (New) The VPA of claim 1, wherein the VPS includes video logic to capture the video from the video connector and a video encoder to encode the captured video, and the VPC includes a video decoder to decode the video encoded by the VPS

14. (New) The VPA of claim 1, wherein the VPS does not send instructions to or receive instructions from the host computer bus.

15. (New) The VPA of claim 1, wherein the VPS does not affect any functioning of the host computer processor.

16. (New) The VPA of claim 1, wherein the VPS does not require any drivers on the host.

17. (New) The VPA of claim 1, wherein the VPS operates without altering software and hardware on the host computer.

18. (New) A virtual presence architecture (VPA) between a host computer contained within a host computer casing and a remote computer, the host computer having a

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processor producing video data in response to input signals and delivering the video data onto a host computer bus having associated physical bus slot locations, comprising:

a virtual presence server installed inside said host computer with a face plate facing outside of the host computer casing and having a host connector port and a network port, the virtual presence server being physically connected to the host computer only at one associated physical bus slot location and being electrically connected to the host computer to receive only power and the video data from the host computer bus;

a multiple-terminated cable having a first cable end to physically connect to the connector port and having at a distal end separated keyboard and mouse connectors to connect to, respectively, keyboard and mouse ports on the host computer casing for transmission of keyboard and mouse information to the host computer on, respectively, the keyboard and mouse ports;

a virtual presence client communicating with said host computer through said virtual presence server to provide a virtual presence on said remote computer, the virtual presence client communicating the keyboard and mouse information via, in order: a network, the network port, the virtual presence server, the first cable end, the multiple-terminated cable, the keyboard and mouse connectors, and the keyboard and mouse ports to the host computer, and receiving the video data from the host computer via, in order: the host computer bus, the virtual presence server, the network port and the network to the virtual presence client,

whereby the virtual presence server does not send any instructions to the processor of the host computer via the host computer bus.

19. (New) The VPA of claim 18, wherein said virtual presence server is a PCI card installed in a PCI slot of said host computer.

20. (New) The VPA of claim 18, wherein said virtual presence server includes an external power connection so that it can monitor the power status of said host.

21. (New) The VPA of claim 18, wherein the VPS includes video logic to capture the video from the video connector and a video encoder to encode the captured video, and the VPC includes a video decoder to decode the video encoded by the VPS

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22. (New) The VPA of claim 18, wherein the VPS does not send instructions to or receive instructions from the host computer bus.
23. (New) The VPA of claim 18, wherein the VPS does not affect any functioning of the host computer processor.
24. (New) The VPA of claim 18, wherein the VPS does not require any drivers on the host.
25. (New) The VPA of claim 18, wherein the VPS operates without altering software and hardware on the host computer.